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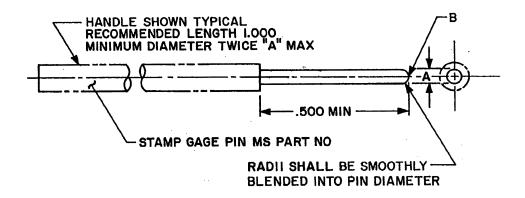
GAGE PIN FOR SOCKET CONTACT ENGAGEMENT TEST

AS31971 SHEET 1 OF 2

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		A		B 0	l Tooma nan				
Dash	Contact	Min	Max	Max	Gage pin	1			
No.	size	+.0001	1 +.0000	flat	material	1			
1		10000	0001	<u> </u>		ł			
-24X1	24	.0245	1 2005	4	!	1			
-24Y1		0000	.0255	4	Tool	INCHES	MM	INCHES	MM
-23X1	23	.0260	0075	.007	l Steel	INCHES	••••		
-23Y1	00	0005	.0275	1 .007	or	.0001	.002	.1240	3.150
-22X1	22	.0295	.0305	4	Tungsten	.007	.18	.1260	3,200
-22Y1 -20X1	20	.0390	1 •0309	4	l Carbide	.015	.38	.1410	3.581
1-20X1	20	.0390	.0410	-	i Carbide	.0245	.622	.1430	3.632
-20Y1	16	0615	1 .0410	 		0255	.648	.1770	4.496
-16X1	16	.0615	.0635	.015		.0260	.660	.1790	4.547
-16Y1 -12X1	12	.0930	1 .0035	1 .013	i	0275	.699	.2240	5.690
-12Y1	12	.0930	.0950	1	i	1.0295	.749	.2260	5.740
-10X1	10	.1240	.0.750	 	1	1.030	.76	.2820	7.163
1001	10	12240	.1260	1	i	.0305	.775	.2840	7.214
-10Y1 -8X1	. 8	.1410	1 1200	1	i	1.0390	.991	.3560	9.042
-8Y1		<u> </u>	.1430	1	Tungsten	0410	1.041	.3580	9.093
-6X1	6	.1770	1	1.030	Carbide	060	1.52	.4990	12.675
-6Y1	· ·	•1770	.1790	1.000	i	.0615	1.562	.500	12.70
-4X1	4	.2240	1	i	İ	.0635	1.613	.5010	12.725
	7	12270	.2260	1	i	0930	2.362	1.000	25.4
-4Y1 -2X1	2	.2820	12200	1	į	0950	2.413	l	
-2Ŷ1	E.	,	.2840	1	İ	1			
-0X1	0	.3560		1	İ	1.			
-0Y1			.3580	Ī	İ	İ			
-4/0X1	4/0	.4990		.060	İ	1			
-4/0Y1	., -		.5010	1	İ	1			
1 "		İ	1	İ	1	1 .			
		' , , , , , , , , , , , , , , , , , , ,				-			

NOTES:

- 1. DIMENSIONS ARE IN INCHES.
- 2. MATERIAL: GAGE PIN, AS SHOWN IN TABLE; HANDLE, OPTIONAL.
- 3. FINISH: 6 TO 10 MICROINCHES ROOT MEAN SQUARE DETERMINED IN ACCORDANCE WITH ANSI B46.1.
- 4. PLATING: NONE.
- 5. THESE GAGES ARE INTENDED FOR USE WITH ELECTRIC CONNECTOR SOCKET CONTACTS IN ACCORDANCE WITH MIL-C-39029 AND OTHER SPECIFICATIONS REFERENCING THIS DOCUMENT.
- 6. FOR DESIGN PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.



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